

# Daniel Woodson

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Product Engineer specializing in web applications and technologies

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## Relevant Experience

Rachio ([rachio.com](http://rachio.com), [app.rach.io](http://app.rach.io))

August 2014 – December 2019

Denver, CO

Web Architect

- Built and advised on e-commerce, marketing, analytics, and consumer application systems
- Acted as a product-engineer, working closely with the product team to prototype applications and features, organizing work, and providing technical feedback
- Moved the company from a custom payment solution to Shopify, which reduced cost while improving functionality and usability. Shopify is now used as their main checkout provider, for various pop-up stores and promotions, internal product tracking, and municipality ordering
- Assisted in hiring by going to events, working with recruiters, conducting phone screens, setting up and conducting interviews, and collecting post-interview feedback
- Built analytics software for municipalities, allowing them to aggregate, filter, and segment large numbers of controllers and watering data
- Built oAuth logic to integrate with other services and applications
- Managed up to 5 direct reports, mentored and trained junior developers, and organized regular team outings
- Built promotional storefronts to facilitate Stanford Marketing Department research programs

Magazines.com ([www.magazines.com](http://www.magazines.com))

August 2011 – June 2014

Franklin, TN

Senior JavaScript Developer

- Supported marketing, operations, and back-end systems using Perl, JavaScript, HTML (inc. HTML5), CSS (inc. CSS3), and proprietary languages

- Developed front-end build scripts using Node.js and Grunt
- Built API frameworks, Backbone applications, and jQuery plug-ins
- Worked hand-in-hand with marketing to develop promotions and AB tests, work with affiliates, incorporate external resources (such as blog feeds, analytics) into the site, and implement responsive design for Android/iOS mobile browsers
- Assisted in re-platforming of the existing site to work on a cloud based system, including learning proprietary languages, refactoring large amounts of code, and working with remote teams across the country

## XM Solutions

January 2011 – August 2011

Murfreesboro, TN

Python Developer

- Responsibilities included project development and consultation
- Set up automated testing with Selenium
- Wrote permission systems and XML-RPC based APIs
- Used Python, JavaScript, CSS, HTML, MySQL, jQuery and jQuery-UI to create online community management systems, marketing software, and OCR scanners and uploaders for electronic health records

## HeadCount ([www.headcount.org](http://www.headcount.org))

May 2010 – May 2012

New York, NY (remote)

Intern, Volunteer

- Assisted with the development and maintenance of a non-profit site using PHP, JavaScript, and CSS
- Wrote front-end JavaScript and CSS
- Personally oversaw/maintained several of the site's busiest pages
- Worked with various APIs to create dynamic and interactive multimedia-based pages
- Setup PHP/JavaScript based permission system to allow for third party logins (ie: logging in with Facebook)
- Worked with Facebook developers to incorporate social media features into the site

## MTSU (Adaptive Technology Center)

May 2010 – December 2010

Murfreesboro, TN

Student Technology Assistant

- Worked in a team, and as an individual, assisting disabled students in the use of adaptive technologies (screen readers, screen magnifiers, braille keyboards, closed circuit televisions)
- Maintained software on systems around the campus
- Worked to develop new standards and policies for the department

Tennessee Center for Child Welfare (T.C.C.W.)

June 2010 – August 2010

Murfreesboro, TN

Second Life Developer

- Worked with T.C.C.W. and other team members and professors to develop 3D training/testing scenarios with Second Life software which allows new employees to test their skills in a virtual world before interacting with real children and families
  - Developed 'bots', environmental objects, and several 'cities' and geographically unique locations inside the Second Life environment
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## Education

Middle Tennessee State University

Bachelor of Science, December 2010

Major: Computer Science / Minor: Mathematics

Activities: W3 Web Development group, ACM, Dean's list (multiple semesters)

## Code Samples

Github Repositories ([github.com/danwoods?tab=repositories](https://github.com/danwoods?tab=repositories))